UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/828,548	04/06/2001	Mark Linus Bauman	ROC920000258US1	4976

7590 07/26/2005	**EXAMINER**
Andrew J. Dillon	LEMMA, SAMSON B
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ART UNIT	PAPER NUMBER
2132	

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DATE MAILED: 07/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Supplemental ***Notice of Allowability***	**Application No.** 09/828,548	**Applicant(s)** BAUMAN ET AL.
	Examiner Samson B. Lemma	**Art Unit** 2132

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *Telephone interview on 07/20/2005 and 07/21/2005.*

2. ☒ The allowed claim(s) is/are *1-27.*

3. ☒ The drawings filed on *18 March 2005* are accepted by the Examiner.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None of the:

       1. ☐ Certified copies of the priority documents have been received.

       2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

       3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

       1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

       Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided by

37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no

later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview

with Mr. Eustace P. Isidore, (Registration No 56,104) on 07/21/2005. The amended claims

have been faxed and emailed to the examiner on July 21, 2005 by the applicant.

The application has been amended as follows :

In the claims:

9.   (currently amended) A system for providing secure access to console functions of a
computer system, said system comprising logic encoded on a computer readable medium that
when executed on a console device provides the following functions[[for]]:
    initiating a first EKE sequence between [[a]] the console device and a network-accessible
system to authenticate the console device as being authorized to connect to the network-
accessible system to allow user access to the network-accessible system, wherein the first EKE
sequence includes checking whether a device shared secret generated during a set-up of the
console device with the network-accessible system matches an associated shared secret stored
on the network-accessible system to which a console operation is desired enabled;
    when the device shared secret matches the associated shared secret, initiating a second
EKE sequence between the console device and the network-accessible system to authenticate a
userID and password of the user of the console device; and
    preventing access to the network-accessible system when either the first EKE sequence
or the second EKE sequence fails to authenticate, wherein a dual authentication procedure is
implemented before any access is permitted by a user to the network-accessible system.

10.   (currently amended) The system of Claim 9, further comprising:

logic <u>encoded on a computer readable medium that when executed on the console device provides the following function</u>[[for]]:

generating the device shared secret via an initial EKE sequence utilizing a default device identifier and associated default shared secret during an initial setup of the console device for connecting to the network-accessible system, wherein said device shared secret is utilized in place of said default device shared secret in subsequent console authentication procedures; and

<u>logic encoded on the computer readable medium that when executed on the network-accessible system provides the following functions:</u>

storing said device shared secret within a secure storage location of said network-accessible system; and

passing a copy of the device shared secret to the console device for secure storage therein, wherein said device shared secret is stored in a secure location on said console device and utilized along with a device ID of the console device during each subsequent connection of said console device to said network-accessible system.

11.   (currently amended) The system of Claim 10, further comprising logic <u>encoded on a computer readable medium that when executed on the console device provides the functions of</u>[[for]] encrypting and decrypting a console operator's authentication data flowing between said console device and said network-accessible system utilizing a value selected from among said shared secret and a hash of said shared secret.

12.   (currently amended) The system of Claim 10, further comprising logic <u>encoded on a computer readable medium that when executed on the console device provides the functions of</u> [[for]] encrypting and decrypting subsequent session data flowing between said console device and said network-accessible system utilizing a value selected from among a second secret generated by the second EKE sequence or a hash of said second secret.

13.   (currently amended) The system of Claim 10, further comprising logic <u>encoded on a computer readable medium that when executed on the console device provides the following functions</u>[[for]]:

responsive to an establishment of a first console session that authenticates said console device, instantiating a second EKE sequence to authenticate a console operator utilizing a default user identifier and password;

enabling an update of the default user identifier and password to a new user identifier and password; and

storing said new user identifier and password in a secure storage location of said network-accessible system only, wherein said new user identifier and password are not stored on the console device.

14.   (currently amended) The system of Claim 13, further comprising logic <u>encoded on a</u> <u>computer readable medium that when executed on the console device provides the following</u> <u>functions</u>[[for]]:

enabling a setup of multiple device identifiers and authorization levels for other devices to act as console devices;

storing said multiple device identifiers and authorization levels in said secure storage location; wherein said setup and storing of device identifiers and authorization levels are completed by an administrator of the network-accessible system; and

enabling multiple console sessions for different systems on a single console device.

15.   (currently amended) The system of Claim 13, further comprising logic <u>encoded on a</u> <u>computer readable medium that when executed on the console device provides the following</u> <u>functions</u>[[for]]:

enabling a setup of multiple operator user identifiers and associated passwords and authorization levels for other console operators to access console functions of the system; and

storing said multiple operator user identifiers and associated passwords and authorization levels in said secure storage location;

wherein said setup and storing of operator user identifiers, associated passwords and authorization levels are completed by an administrator of the network-accessible system.

16.   (currently amended) The system of Claim 10, wherein said logic <u>encoded on a computer</u> <u>readable medium</u> for <u>providing the function of</u> passing a copy of the device shared secret further comprises logic <u>that when executed on the console device provides one of the following</u> <u>functions</u>[[for one of]]:

when the console device includes an embedded smart chip, storing the copy of the device shared secret within the embedded smart chip, wherein the device shared secret is encrypted and maintained in a physically secure storage; and

storing the copy of the device shared secret in encrypted format within the secure memory

region of the console device, wherein said encrypted format utilizes a key generated from an

operator-specified password.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be

directed to Samson B Lemma whose telephone number is 571-272-3806. The examiner can normally

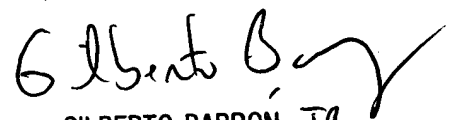be reached on Monday-Friday (8:00 am---4: 30 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor,

BARRON JR GILBERTO can be reached on 571-272-3799. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application

Information Retrieval (PAIR) system. Status information for published applications may be

obtained from either Private PAIR or Public PAIR. Status information for unpublished applications

is available through Private PAIR only. For more information about the PAIR system, see

http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system,

contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

SAMSON LEMMA

S·L ,

07/21/2005

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SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100